

CLAIMS

1. An antenna comprising a plurality of conductive elements and a high frequency circuit, wherein
5 at least two conductive elements of the plurality of conductive elements are arranged to form a letter "V" with an angle of 90° so as to radiate circularly polarized waves in multi directions.
- 10 2. The antenna according to claim 1 further comprising a power feed circuit, wherein
the power feed circuit feeds same signal power into the at least two conductive elements arranged to form the letter "V" with a phase difference of 90° .
- 15 3. The antenna according to claim 2, wherein
the power feed circuit is made up of a hybrid circuit.
- 20 4. The antenna according to claim 1, wherein
the plurality of conductive elements are electrically connected with each other at one end, and the one end is connected with the high frequency circuit.
- 25 5. The antenna according to claim 1 further comprising

a ground, wherein

the plurality of conductive elements are provided outside the ground.

5 6. The antenna according to claim 5, wherein

the ground has an apex of 90° , and the at least two conductive elements arranged to form the letter "V" are disposed at the apex.

10 7. The antenna according to claim 1, wherein

the plurality of conductive elements have a portion with a helical shape or a meander shape.

8. The antenna according to claim 1, wherein

15 at least one of a power feed circuit and the plurality of conductive elements are made of a conductive pattern formed on a high frequency printed circuit board.

9. The antenna according to claim 1, wherein

20 the plurality of conductive elements are formed one of on and inside a substrate which is made of one of dielectric ceramic material and magnetic material.

10. The antenna according to claim 1, wherein

25 the plurality of conductive elements have an

electric length of $\lambda/2$.

11. The antenna according to claim 2 further comprising a ground having an apex of 90° , wherein

5 a surface including the at least two conductive elements which are disposed at the apex and which are arranged to form the letter "V" is orthogonal to a surface of the ground, and

the plurality of conductive elements have an
10 electric length of $\lambda/2$.

12. The antenna according to claim 4 further comprising a ground having an apex of 90° , wherein

a surface including the at least two conductive
15 elements which are disposed at the apex and which are arranged to form the letter "V" is orthogonal to a surface of the ground, and

the plurality of conductive elements have an
electric length of $\lambda/2$.

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13. An electronic device using the antenna of claim 1.